

RICE UNIVERSITY

**Archaea**

by

**Clare Glackin**

A THESIS SUBMITTED  
IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE DEGREE

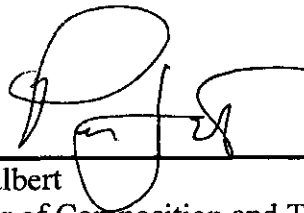
**Master of Music**

APPROVED, THESIS COMMITTEE



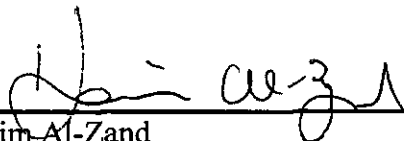
---

Richard Lavenda, Chair  
Professor of Composition and Theory



---

Pierre Jalbert  
Professor of Composition and Theory



---

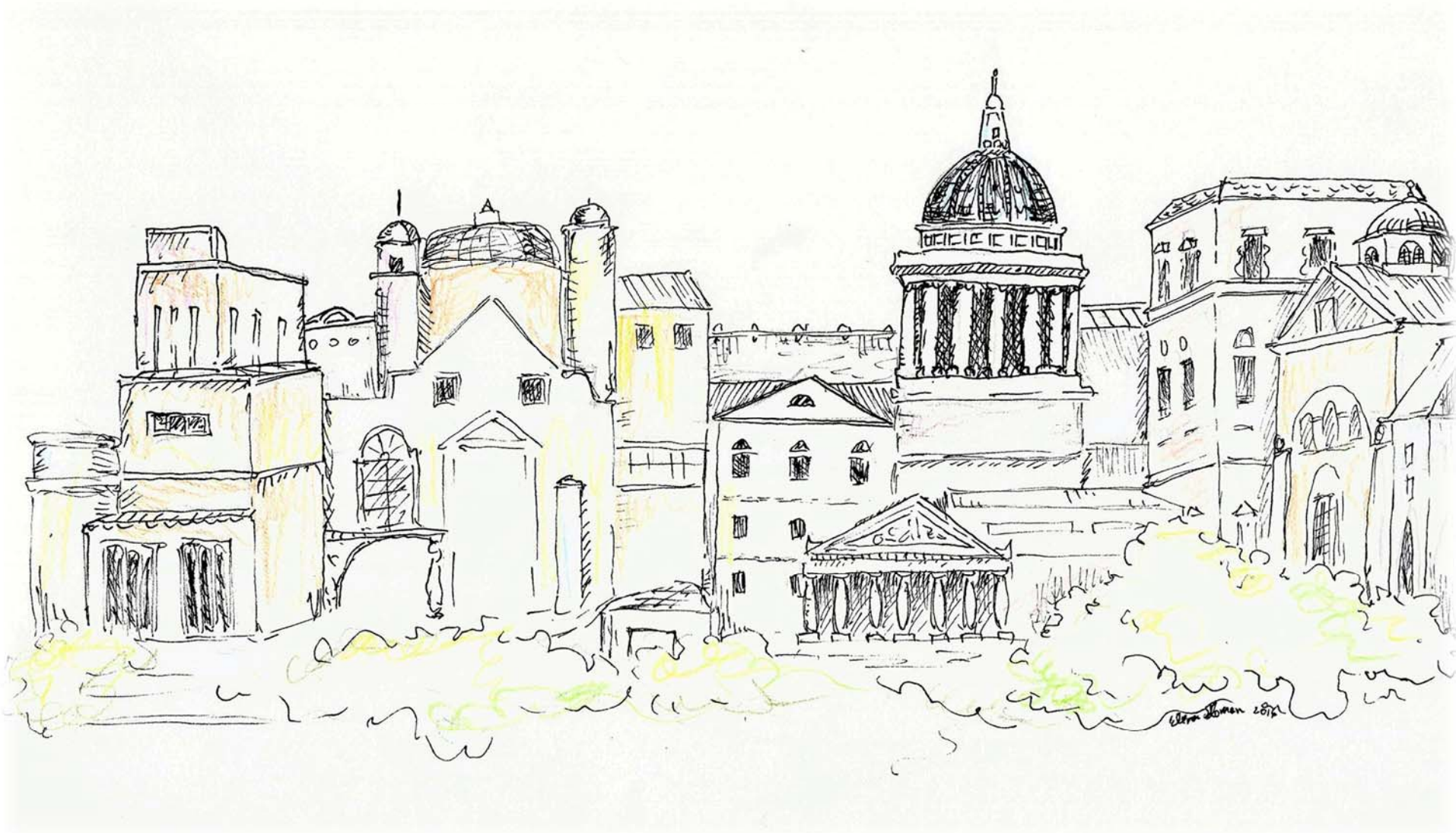
Karim Al-Zand  
Professor of Composition and Theory

HOUSTON, TEXAS

April 2017

# Archaea

Clare  
Glackin



2017

# A r c h a e a

## Instrumentation

Piccolo

Flute 1.2.

Oboe 1.2.

English Horn

Clarinet 1.2.

Bass Clarinet

Bassoon 1.2.

Contrabassoon

Horn in F 1-4

Trumpet in C 1-3

Trombone 1-3

Tuba

Timpani

Percussion I

(3 Tom-toms, Conga, Triangle,  
Vibraphone, Tambourine)

Percussion II

(Suspended Cymbal,  
Snare Drum, Clash Cymbals)

Percussion III

(Bass Drum, Suspended  
Cymbal, Crotales)

Harp

Strings

(8:00)

# A r c h a e a

## Composer's Note

Archaea is an orchestral work which depicts an imaginary ancient landscape; a city I have cobbled together in my imagination from places with which I have become familiar recently. The three sections of the work show the landscape throughout the day: the first movement depicts the blinding light of the sunrise, and the second the orange glow cast over the city buildings in the evening, ending with the final glimmer of light as the sun sinks below the horizon. The third movement, a lively percussive dance, represents nighttime, which, for me, has always been filled with energy and possibility.

The piece incorporates into its language elements of traditional fiddle music; some of my earliest musical memories are of dancing around the house while my father played Irish fiddle tunes. This music is strongly connected in my mind with the landscape I am imagining.

I. Daybreak

Archaea

Clare Glackin

 = 138 **Bursting with energy**

Piccolo

Flute 1.2.

Oboe 1.2.

English Horn

Clarinet in B♭ 1.2. 1

Bass Clarinet

Bassoon 1.2. 1

Contrabassoon

Horn in F 1.3.

Horn in F 2.4.

Trumpet in C 1.2.

Trumpet in C 3

Trombone 1.2.

Trombone 3

Tuba

Timpani

(medium mallets)

Percussion 1

tom-toms: medium yarn mallets


Percussion 2

snare drum: *snare off*

Percussion 3

bass drum: wood beaters

Harp

 = 138 **Bursting with energy**

Violin I

Violin II

Viola

Cello

Contrabass

6

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

6

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

6

Timp.

Perc. 1

Perc. 2

Perc. 3

6

Hp.

Vln. I

Vln. II

Vla.

Vc.

6

Cb.

suspended cymbal: yarn mallets

*p*

*f*

*mf*

*ff*

A

**Instrument List:**

- Picc.
- Fl. 1.2.
- Ob. 1.2.
- E. Hn.
- B♭ Cl. 1.2. 1
- B. Cl.
- Bsn. 1.2. 1
- C. Bn.
- Hn. 1.3.
- Hn. 2.4.
- C Tpt. 1.2.
- C Tpt. 3
- Tbn. 1.2.
- Tbn. 3
- Tuba
- Timp.
- Perc. 1
- Perc. 2
- Perc. 3 (bass drum: felt beaters)
- Hp.
- Vln. I
- Vln. II
- Vla.
- Vc.
- Cb.

**Key Musical Elements:**

- Tempo:** Moderato
- Time Signature:** 3/4
- Key Signature:** One flat (Bb)
- Rehearsal Mark:** 11
- Section:** A
- Dynamics:** *f*, *fp*, *mf*, *p*

Picc.

16

*mf*

*f*

Fl. 1.2.

16

*mf*

*f*

Ob. 1.2.

16

*mf*

*f*

E. Hn.

16

*mf*

*f*

B♭ Cl. 1.2. 1

16

*pp*

*mf*

*f*

B. Cl.

16

Bsn. 1.2. 1

16

*pp*

C. Bn.

16

Hn. 1.3.

16

*mf**p*

Hn. 2.4.

16

*mf**p*

C Tpt. 1.2.

16

*pp*

C Tpt. 3

16

Tbn. 1.2.

16

*pp*

Tbn. 3

16

*pp*

Tuba

16

16

16

Perc. 1

16

Perc. 2

16

snare drum: *snare* off

*p*

*mf*

*p*

Perc. 3

16

suspended cymbal: yarn mallets

*p*

*f*

16

Hp.

16

Vln. I

16

*f*

Vln. II

16

*f*

Vla.

16

*p*

*f*

Vc.

16

*p*

*f*

Cb.

16



[illegible]

B

Picc.

25

Fl. 1.2.

25

Ob. 1.2.

25

E. Hn.

25

B♭ Cl. 1.2. 1

25

B. Cl.

25

Bsn. 1.2. 1

25

C. Bn.

25

Hn. 1.3.

25

Hn. 2.4.

25

C Tpt. 1.2.

25

C Tpt. 3

25

Tbn. 1.2.

25

Tbn. 3

25

Tuba

25

Timp.

25

Perc. 1

25

Perc. 2

25

Perc. 3

25

Hp.

25

Vln. I

25

Vln. II

25

Vla.

25

Vc.

25

Cb.

25

Picc.

30

Fl. 1.2.

30

Ob. 1.2.

30

E. Hn.

30

B♭ Cl. 1.2. 1

30

B. Cl.

30

Bsn. 1.2. 1

30

C. Bn.

30

Hn. 1.3.

30

1.

Hn. 2.4.

30

C Tpt. 1.2.

30

C Tpt. 3

30

Tbn. 1.2.

30

Tbn. 3

30

Tuba

30

Timp.

30

Perc. 1

30

tom-toms: medium yarn mallets

Perc. 2

30

snare drum: snares off

Perc. 3

30

suspended cymbal: yarn mallets

Hp.

30

Vln. I

30

Vln. II

30

Vla.

30

Vc.

30

Cb.

30

[illegible]

39

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

39

Timp.

Perc. 1

Perc. 2

39

Perc. 3

39

Hp.

Vln. I

Vln. II

Vla.

Vc.

39

Cb.

**C**

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B $\flat$  Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

[illegible]

D

Picc.



Fl. 1.2.



Ob. 1.2.



E. Hn.



B♭ Cl. 1.2. 1



B. Cl.



Bsn. 1.2. 1



C. Bn.



Hn. 1.3.



Hn. 2.4.



C Tpt. 1.2.



C Tpt. 3



Tbn. 1.2.



Tbn. 3



Tuba



Timp.



Perc. 1



Perc. 2



Perc. 3



Hp.



Vln. I



Vln. II



Vla.



Vc.



Cb.



remove mute

conga: yarn mallets

tambourine: play with two hands on knee



[illegible]

**E**

# E

The image displays a page from a musical score, specifically measures 68 through 74. The score is written for a large ensemble, including woodwinds, brass, percussion, harp, and strings. The key signature has one flat (B-flat), and the time signature changes from 4/4 to 2/4 at measure 69.

The instruments listed on the left are:

- Picc.
- Fl. 1.2.
- Ob. 1.2.
- E. Hn.
- B♭ Cl. 1.2. 1
- B. Cl.
- Bsn. 1.2. 1
- C. Bn.
- Hn. 1.3.
- Hn. 2.4.
- C Tpt. 1.2.
- C Tpt. 3
- Tbn. 1.2.
- Tbn. 3
- Tuba
- Timp.
- Perc. 1
- Perc. 2
- Perc. 3
- Hp.
- Vln. I
- Vln. II
- Vla.
- Vc.
- Vc.
- Cb.

Measure numbers 68, 69, 70, 71, 72, 73, and 74 are indicated above their respective staves. Dynamic markings such as *f*, *mf*, and *pizz. non div.* are present throughout the score. The notation includes various note values, rests, and articulations typical of orchestral music.

Picc.

73

Fl. 1.2.

73

Ob. 1.2.

73

E. Hn.

73

B♭ Cl. 1.2. 1

73

B. Cl.

73

Bsn. 1.2. 1

73

C. Bn.

73

Hn. 1.3.

73

Hn. 2.4.

73

C Tpt. 1.2.

73

C Tpt. 3

73

Tbn. 1.2.

73

Tbn. 3

73

Tuba

73

Timp.

73

Perc. 1

73

Perc. 2

73

Perc. 3

73

Hp.

73

Vln. I

73

Vln. II

73

Vla.

73

Vc.

73

Vc.

73

Cb.

73

**F**

This page of the musical score contains the following instruments and parts:

- Picc.** (Piccolo)
- Fl. 1.2.** (Flute 1 and 2)
- Ob. 1.2.** (Oboe 1 and 2)
- E. Hn.** (English Horn)
- B♭ Cl. 1.2. 1** (B-flat Clarinet 1, 2, and 3)
- B. Cl.** (Bass Clarinet)
- Bsn. 1.2. 1** (Bassoon 1, 2, and 3)
- C. Bn.** (Contrabassoon)
- Hn. 1.3.** (Horn 1, 2, and 3)
- Hn. 2.4.** (Horn 2, 3, 4, and 5)
- C Tpt. 1.2.** (C Trumpet 1 and 2)
- C Tpt. 3** (C Trumpet 3)
- Tbn. 1.2.** (Trombone 1 and 2)
- Tbn. 3** (Trombone 3)
- Tuba**
- Timp.** (Timpani)
- Perc. 1** (Percussion 1)
- Perc. 2** (Percussion 2)
- Perc. 3** (Percussion 3, including suspended cymbal and yarn mallets)
- Hp.** (Harp)
- Vln. I** (Violin I)
- Vln. II** (Violin II)
- Vla.** (Viola)
- Vc.** (Violoncello)
- Cb.** (Contrabass)

The score is written in 3/4 time and includes dynamic markings such as *p* (piano), *mf* (mezzo-forte), and *f* (forte). The page number 81 is indicated at the top left.

G

85

Picc. *< f*

Fl. 1.2. *< f*

Ob. 1.2. *f*

E. Hn.

B $\flat$  Cl. 1.2. 1 *f*

B. Cl. *< f*

Bsn. 1.2. 1 *< f*

C. Bn.

Hn. 1.3. 85

Hn. 2.4.

C Tpt. 1.2. *f*

C Tpt. 3.

Tbn. 1.2. *f*

Tbn. 3. *f*

Tuba

Timp. 85

Perc. 1. 85

Perc. 2. 85

Perc. 3. 85

Hp. 85

*mf*

*p*

*f*

tom-toms

clash cymbals *p*

*f*

*p*

G

85

Vln. I *< f*

Vln. II 85

Vla. 85

Vc. 85

Cb. 85

*f* non div.

*f* non div.

*f* non div.

*f* non div.

*f*

*f*

[illegible]



H



*poco rit.*

Picc.



Fl. 1.2.



Ob. 1.2.



E. Hn.



B♭ Cl. 1.2. 1



B. Cl.



Bsn. 1.2. 1




C. Bn.



Hn. 1.3.



Hn. 2.4.



C Tpt. 1.2.



C Tpt. 3



Tbn. 1.2.



Tbn. 3



Tuba



Timp.



Perc. 1



Perc. 2



Perc. 3



Hp.



Vln. I



Vln. II



Vla.



Vc.



Cb.



*a tempo*

## Graceful; not rushed

**Graceful; not rushed**

100

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

100

Timp.

100

Perc. 1

Perc. 2

100

Perc. 3

100

Hp.

*a tempo*  
**Graceful; not rushed**

100

Vln. I

100

Vln. II

100

Vla.

Vc.

100

Cb.

*mf*

*pizz.*

I

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

*f*

*p*

*mf* *f*

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

*mf*

*f* *sub. p*

*mf*

C. Bn.

Hn. 1.3.

*105*

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

*105*

Perc. 1

*105*

Perc. 2

Perc. 3

*105*

Hp.

*105*

Vln. I

Vln. II

*105*

*p*

Vla.

*105*

Vc.

*pizz.*

*mf*

*arco*

*pp*

Cb.

*105*

J

This page of the musical score contains the following staves and markings:

- Woodwinds:** Picc., Fl. 1.2., Ob. 1.2., E. Hn., B♭ Cl. 1.2. 1, B. Cl., Bsn. 1.2. 1, C. Bn., Hn. 1.3., Hn. 2.4., C Tpt. 1.2., C Tpt. 3, Tbn. 1.2., Tbn. 3, Tuba.
- Percussion:** Timp., Perc. 1, Perc. 2, Perc. 3.
- Keyboard:** Hp.
- Strings:** Vln. I, Vln. II, Vla., Vc., Cb.

Key markings and features include:

- Rehearsal mark **III** at the beginning of the page.
- Rehearsal mark **J** in the string section.
- Dynamic markings: *p*, *mp*, *mf*, *f*.
- Articulation: *pizz.* (pizzicato), *arco* (arco).
- Tempo/Character: *And.te* (Andante).

116

Picc.

116

Fl. 1.2.

116

Ob. 1.2.

116

E. Hn.

116

B♭ Cl. 1.2. 1

116

B. Cl.

116

Bsn. 1.2. 1

116

C. Bn.

116

Hn. 1.3.

116

Hn. 2.4.

116

C Tpt. 1.2.

116

C Tpt. 3

116

Tbn. 1.2.

116

Tbn. 3

116

Tuba

116

Timp.

116

Perc. 1

116

Perc. 2

116

Perc. 3

116

Hp.

116

Vln. I

116

Vln. II

116

Vla.

116

Vc.

116

Cb.

**♩ = 80**

● ● ●

123

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

123

Timp.

123

Perc. 1

Perc. 2

Perc. 3

123

Hp.

123

Vln. I

Vln. II

Vla.

Vc.

123

Cb.

rit. poco a poco

a tempo

$\text{♩} = 80$

*f* *mf*

*p*

1.

*mf*

triangle

*p*

*f*

*pp*

pizz.

*p*

div.

*p*

*p*

arco

*p*

K

*rit.*

**♩ = 96**

[illegible]

Picc.

135

Fl. 1.2.

a2.  
*f*

Ob. 1.2.

a2.  
*f*

E. Hn.

*f*

B $\flat$  Cl. 1.2. 1

*mf*

B. Cl.

*mf*

*mf*

Bsn. 1.2. 1

*mf*

*mf*

C. Bn.

Hn. 1.3.

135

Hn. 2.4.

C Tpt. 1.2.

1.  
*f*

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

135

Perc. 1

135

Perc. 2

Perc. 3

135

Hp.

135

Vln. I

135

*f*

*mf*

Vln. II

135

*f*

*mf*

Vla.

135

div.  
*f*

*mf*

Vc.

135

div.  
*f*

*mf*

Cb.

135

pizz.  
*mf*

arco



L

allarg.

*a tempo* 29  
♩ = 80

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

L

allarg.

♩ = 80 *a tempo*

Vln. I

Vln. II

Vla.

Vc.

Cb.



N



*molto rit.*

153

Picc.



1.

Fl. 1, 2.



1.

Ob. 1, 2.



E. Hn.



1.

B♭ Cl. 1, 2, 1



B. Cl.



1.

Bsn. 1, 2, 1



C. Bn.



153

Hn. 1, 3.



153

Hn. 2, 4.



remove mutes

C Tpt. 1, 2.



C Tpt. 3



153

Tbn. 1, 2.



153

Tbn. 3



153

Tuba



153

Timp.



153

Perc. 1



153

Perc. 2



153

Perc. 3



153

Hp.



153

Vln. I



153

Vln. II



153

Vla.



153

Vc.



153

Cb.





*attacca*

[illegible]

# Driving ♩ = 120

169

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

169

Timp.

169

Perc. 1

Perc. 2

169

Perc. 3

169

Hp.

Driving ♩. = 120

169

Vln. I

169 remove mute

Vln. II

169

Vla.

Vc.

169

Cb.

174

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

174

Timp.

174 tom-toms: medium yarn mallets

Perc. 1

174

Perc. 2

174

Perc. 3

174

Hp.

174

Vln. I

174

Vln. II

174

Vla.

Vc.

174

Cb.

P

179

Picc.

179

Fl. 1.2.

179

Ob. 1.2.

179

E. Hn.

179

B♭ Cl. 1.2. 1

179

B. Cl.

179

Bsn. 1.2. 1

179

C. Bn.

179

Hn. 1.3.

179

Hn. 2.4.

179

C Tpt. 1.2.

179

C Tpt. 3

179

Tbn. 1.2.

179

Tbn. 3

179

Tuba

179

Timp.

179

Perc. 1

179

Perc. 2

179

Perc. 3

179

Hp.

179

Vln. I

179

Vln. II

179

Vla.

179

Vc.

179

Cb.



This page of the musical score covers measures 184 to 187. The instrumentation includes Piccolo, Flute 1 & 2, Oboe 1 & 2, English Horn, Bassoon 1 & 2, Clarinet 1 & 2, Bass Clarinet, Contrabassoon, Horn 1 & 2, Horn 3 & 4, Trumpet 1 & 2, Trumpet 3, Trombone 1 & 2, Trombone 3, Tuba, Timpani, Percussion 1, 2, and 3, Harp, Violin 1 & 2, Viola, Violoncello, and Contrabass. The score features various musical notations including notes, rests, dynamics (f, p, mf), and articulation marks.

189

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

189

Timp.

189 tom-toms

Perc. 1

189

Perc. 2

189 bass drum: wood beaters

Perc. 3

189

Hp.

189

Vln. I

189

Vln. II

189

Vla.

Vc.

189

Cb.

**Q**

[illegible]

R

206

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

**S**

**S**

T

217

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

217

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

217

Timp.

Perc. 1

Perc. 2

Perc. 3

217

Hp.

T

217

Vln. I

217

Vln. II

217

Vla.

Vc.

217

Cb.





228

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

a2.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

228

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

228

Timp.

228

Perc. 1

Perc. 2

228

Perc. 3

228

Hp.

228

Vln. I

228

Vln. II

228

Vla.

Vc.

228

Cb.

233

Picc.

233

Fl. 1.2.

233

Ob. 1.2.

233

E. Hn.

233

B♭ Cl. 1.2. 1

233

B. Cl.

233

Bsn. 1.2. 1

233

C. Bn.

233

Hn. 1.3.

233

Hn. 2.4.

233

C Tpt. 1.2.

233

C Tpt. 3

233

Tbn. 1.2.

233

Tbn. 3

233

Tuba

233

Timp.

233

Perc. 1

233

Perc. 2

233

Perc. 3

233

Hp.

233

Vln. I

233

Vln. II

233

Vla.

233

Vc.

233

Cb.

The musical score is divided into two systems. The first system contains staves for Picc., Fl. 1.2., Ob. 1.2., E. Hn., B♭ Cl. 1.2. 1, B. Cl., Bsn. 1.2. 1, C. Bn., Hn. 1.3., Hn. 2.4., C Tpt. 1.2., C Tpt. 3, Tbn. 1.2., Tbn. 3, Tuba, Timp., Perc. 1, Perc. 2, Perc. 3, and Hp. The second system contains staves for Vln. I, Vln. II, Vla., Vc., and Cb. A large 'V' is placed above the Vln. I and Vln. II staves in the second system. The score includes various musical notations such as notes, rests, dynamics (f, p), articulation (accents, slurs), and performance instructions (arco, wood beaters). The time signature changes from 3/8 to 3/4 at measure 241.

Archaea

250

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B♭ Cl. 2

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

250

Timp.

Perc. 1

Perc. 2

Perc. 3

250

Hp.

Vln. I

Vln. I

Vln. II

Vln. II

Vla.

Vla.

Vc.

250

Cb.

W

254

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B♭ Cl. 2

B. Cl.

Bsn. 1.2. 1

Bsn. 2

C. Bn.

254

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

254

Timp.

254

Perc. 1

Perc. 2

Perc. 3

254

Hp.

254

Vln. I

Vln. I

Vln. II

Vln. II

Vla.

Vla.

Vc.

Cb.

X

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

Bsn. 2

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

261

Timp.

261

Perc. 1

Perc. 2

261

Perc. 3

261

Hp.

*mf*

X

Vln. I

261

Vln. I

261

Vln. II

261

Vla.

261

Vla.

div.

Vc.

div.

*p*

pizz.

arco

Cb.

Y

Picc.

267

Fl. 1.2.

267

Ob. 1.2.

267

E. Hn.

267

B♭ Cl. 1.2. 1

267

B. Cl.

267

Bsn. 1.2. 1

267

Bsn. 2

267

C. Bn.

267

Hn. 1.3.

267

Hn. 2.4.

267

C Tpt. 1.2.

267

C Tpt. 3

267

Tbn. 1.2.

267

Tbn. 3

267

Tuba

267

Timp.

267

Perc. 1

267

Perc. 2

267

Perc. 3

267

Hp.

267

Vln. I

267

Vln. II

267

Vla.

267

Vc.

267

Cb.

267



274

Picc.

274

Fl. 1.2.

274

Ob. 1.2.

274

E. Hn.

274

B♭ Cl. 1.2. 1

274

B. Cl.

274

Bsn. 1.2. 1

274

Bsn. 2

274

C. Bn.

274

Hn. 1.3.

274

Hn. 2.4.

274

C Tpt. 1.2.

274

C Tpt. 3

274

Tbn. 1.2.

274

Tbn. 3

274

Tuba

274

Timp.

274

Perc. 1

274

Perc. 2

274

Perc. 3

274

Hp.

274

Vln. I

274

Vln. II

274

Vla.

274

Vc.

274

Cb.

Z

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

Bsn. 2

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

AA

288

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B $\flat$  Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

Bsn. 2

C. Bn.

288

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

288

Timp.

Perc. 1

Perc. 2

Perc. 3

288

Hp.

288

Vln. I

Vln. II

Vla.

Vc.

Cb.

2.

*mf*

*f*

*f*

*p*

Picc.

295

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

295

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

295

Perc. 1

295

Perc. 2

Perc. 3

295

Hp.

295

Vln. I

295

Vln. II

295

Vla.

295

div.

Vc.

Cb.

295

BB

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

BB

Vln. I

Vln. II

Vla.

Vc.

Cb.

CC

CC

314

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

314

Timp.

314

Perc. 1

Perc. 2

314

Perc. 3

314

Hp.

314

Vln. I

314

Vln. II

314

Vla.

Vc.

314

Cb.

DD

320

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B $\flat$  Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

320

Timp.

320

Perc. 1

Perc. 2

320

Perc. 3

320

Hp.

DD

320

Vln. I

320

Vln. II

320

Vla.


Vc.

320

Cb.



EE

 = 132

Picc.

325



Fl. 1.2.

325



Ob. 1.2.

325



E. Hn.

325



B♭ Cl. 1.2. 1

325



B. Cl.

325



Bsn. 1.2. 1

325



C. Bn.

325



Hn. 1.3.

325



Hn. 2.4.

325



C Tpt. 1.2.

325



C Tpt. 3

325



Tbn. 1.2.

325



Tbn. 3

325



Tuba

325



Timp.

325



Perc. 1

325



Perc. 2

325



Perc. 3

325



Hp.

325



EE

 = 132

Vln. I

325



Vln. II

325



Vla.

325



Vc.

325



Cb.

325



329

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

329

Timp.

329

Perc. 1

Perc. 2

329

Perc. 3

329

Hp.

329

Vln. I

329

Vln. II

329

Vla.

329

Vc.

329

Cb.

FF

334

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

334

Timp.

334

Perc. 1

Perc. 2

334

Perc. 3

334

Hp.

334

Vln. I

334

Vln. II

334

Vla.

Vc.

334

Cb.

339

Picc.

339

Fl. 1.2.

339

Ob. 1.2.

339

E. Hn.

339

B $\flat$  Cl. 1.2. 1

339

B. Cl.

339

Bsn. 1.2. 1

339

C. Bn.

339

Hn. 1.3.

339

Hn. 2.4.

339

C Tpt. 1.2.

339

C Tpt. 3

339

Tbn. 1.2.

339

Tbn. 3

339

Tuba

339

Timp.

339

Perc. 1

339

Perc. 2

339

Perc. 3

339

Hp.

339

Vln. I

339

Vln. II

339

Vla.

339

Vc.

339

Cb.

GG

343

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

343

Timp.

343

Perc. 1

Perc. 2

343

Perc. 3

343

Hp.

GG

Vln. I

Vln. II


Vla.

Vc.

343

Cb.

*accel.*

 = 144

347

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.


Perc. 1

Perc. 2

Perc. 3

Hp.

*accel.*

 = 144

347

Vln. I

Vln. II

Vla.

Vc.

Cb.

HH

Picc.

351

Fl. 1.2.

351

Ob. 1.2.

351

E. Hn.

351

B♭ Cl. 1.2. 1

351

B. Cl.

351

Bsn. 1.2. 1

351

C. Bn.

351

Hn. 1.3.

351

Hn. 2.4.

351

C Tpt. 1.2.

351

C Tpt. 3

351

Tbn. 1.2.

351

Tbn. 3

351

Tuba

351

Timp.

351

Perc. 1

351

Perc. 2

351

Perc. 3

351

Hp.

351

Vln. I

351

Vln. II

351

Vla.

351

Vc.

351

Cb.

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

351

HH

[illegible]



## II

359

Picc.

Fl. 1.2.

Ob. 1.2.

E. Hn.

B♭ Cl. 1.2. 1

B. Cl.

Bsn. 1.2. 1

C. Bn.

Hn. 1.3.

Hn. 2.4.

C Tpt. 1.2.

C Tpt. 3

Tbn. 1.2.

Tbn. 3

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

II

a2.

2.

a2.

bass drum

*p*

*f*

363

Picc.

Fl. 1. 2.

Ob. 1. 2.

E. Hn.

B♭ Cl. 1. 2. 1

B. Cl.

Bsn. 1. 2. 1

C. Bn.

363

Hn. 1. 3.

Hn. 2. 4.

C Tpt. 1. 2.

C Tpt. 3

Tbn. 1. 2.

Tbn. 3

Tuba

363

Timp.

363

Perc. 1

Perc. 2

363

Perc. 3

363

Hp.

363

Vln. I

363

Vln. II

363

Vla.

Vc.

363

Cb.

## JJ

[illegible]



374

Picc. *f* *fp* *ff*

Fl. 1.2. *f* *fp* *ff*

Ob. 1.2. *f* *fp* *ff*

E. Hn. *f* *fp* *ff*

B♭ Cl. 1.2. 1 *f* *fp* *ff*

B. Cl. *f* *fp* *ff*

Bsn. 1.2. 1 *f* *fp* *ff*

C. Bn. *f* *fp* *ff*

Hn. 1.3. 374 *fp* *ff*

Hn. 2.4. *fp* *ff*

C Tpt. 1.2. *fp* *ff*

C Tpt. 3 *fp* *ff*

Tbn. 1.2. *mf* *ff*

Tbn. 3 *fp* *ff*

Tuba *fp* *ff*

Timp. 374 *ff* *fp* *ff*

Perc. 1 374 *ff* *mf* *ff*  
suspended cymbal

Perc. 2 *p* *ff*

Perc. 3 374 *ff* *fp* *ff*

Hp. 374 *ff*

Vln. I 374 *f* *fp* *ff* non div.

Vln. II 374 *f* *fp* *p* *ff* non div.

Vla. 374 *p* *ff* arco non div.

Vc. *f* *fp* *ff*

Cb. 374 *f* *fp* *ff*